ZANUSSI

User manual

Washer-dryer

ZWD 12270 W1
ZWD 12270 S1
ZWD 12270 G1
ZWD 14270 W1
ZWD 16270 W1

Thank you for selecting our appliance

We wish you lots of enjoyment with your new appliance and we hope that you will consider our brand again when purchasing household appliances.
Please read this user manual carefully and keep it throughout the product life cycle as a reference document. The user manual should be passed on to any future owner of the appliance.

The following symbols are used in this manual:

Important information concerning your personal safety and information on how to avoid damaging the appliance.

General information and tips

Environmental information

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Safety information

In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.

General safety

- It is dangerous to alter the specifications or attempt to modify this product in any way.
- During high temperature washing and drying programmes the door glass may get hot. Do not touch it!
- Make sure that small pets do not climb into the drum. To avoid this, please check into the drum before using.
- Any objects such as coins, safety pins, nails, screws, stones or any other hard, sharp material can cause extensive damage and must not be placed into the machine.
- Only use the advised quantities of fabric softener and detergent. Damage to the fabric can ensue if you over-fill. Refer to the manufacturer's recommendations of quantities.
- Wash small items such as socks, laces, washable belts etc in a washing bag or pillow case as it is possible for such items to slip down between the tub and the inner drum.
- Do not use your washer-dryer to wash articles with whalebones, material without hems or torn material.
- Always unplug the appliance and turn off the water supply after use, cleaning and maintenance.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local Service Centre. Always insist on genuine spare parts.

Installation

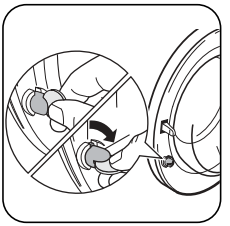
- This appliance is heavy. Care should be taken when moving it.
- When unpacking the appliance, check that it is not damaged. If in doubt, do not use it and contact the Service Centre.
- All packing and transit bolts must be removed before use. Serious damage can occur to the product and to property if this is not adhered to. See relevant section in the user manual.
- After having installed the appliance, check that it is not standing on the inlet and drain hose and the worktop is not pressing the electrical supply cable.
- If the machine is situated on a carpeted floor, please adjust the feet in order to allow air to circulate freely under the appliance.
- Always be sure, that there is no water leakage from hoses and their connections after the installation.
- If the appliance is installed in a location subject to frost, please read the «dangers of freezing» chapter.
- Any plumbing work required to install this appliance should be carried out by a qualified plumber or competent person.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

Use

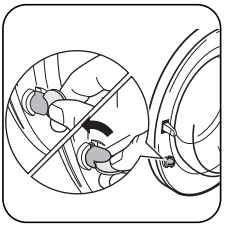
- This appliance is designed for domestic use. It must not be used for purposes other than those for which it was designed.
- Only wash and dry fabrics which are designed to be machine washed and dried. Follow the instructions on each garment label.
- Do not overload the appliance. See the relevant section in the user manual.
- Before washing, ensure that all pockets are empty and buttons and zips are fastened. Avoid washing frayed or torn articles and treat stains such as paint, ink, rust, and grass before washing. Underwired bras must NOT be machine washed.
- Garments which have been in contact with volatile petroleum products should not be machine washed. If volatile cleaning fluids are used, care should be taken to ensure that the fluid is removed from the garment before placing in the machine.
- As some duvets and eiderdowns should be washed/dried in large commercial machines because of their bulk, please check with the manufacturer of the item before washing in a domestic machine.
- The users should always check that they have not left their gas lighters (disposable or otherwise) in their clothing.
- Never dry items that have had contact with chemicals such as dry cleaning fluid.These are of a volatile nature and could cause an explosion.
- Only tumble dry items which have been washed in water or require airing.
- Plastic detergent dispensers should not remain in the drum during the drying cycle, as the plastic used is not designed to withstand the heat. If you wish to wash-through-to-dry you should use the conventional detergent dispenser drawer.
- Never pull the power supply cable to remove the plug from the socket; always take hold of the plug itself.
- Never use the washer-dryer if the power supply cable, the control panel, the working surface or the base are damaged so that the inside of the washer-dryer is accessible.

Child safety

- This appliance is not intended for use by persons (including children) with reduced physical sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Young children should be supervised to ensure that they do not play with the appliance.
- The packaging components (e.g. plastic film, polystyrene) can be dangerous to children - danger of suffocation! Keep them out of children's reach
- Keep all detergents in a safe place out of children's reach.
- Make sure that children or pets do not climb into the drum. To avoid that they remain closed inside the drum, the machine incorporates special feature.



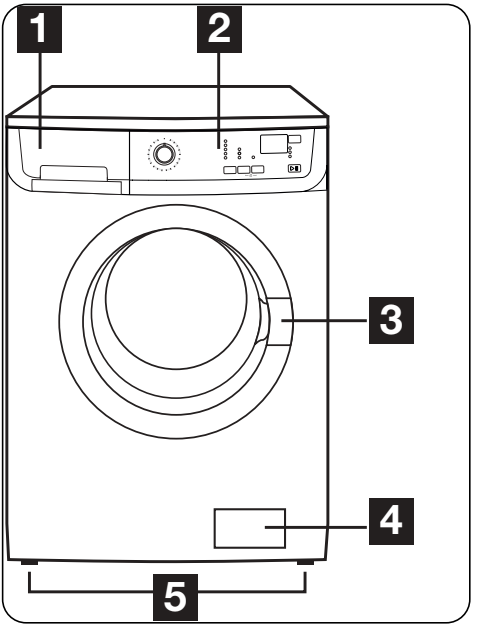
To activate this device, rotate the button (without pressing it) inside the door clockwise until the groove is horizontal. If necessary use a coin.



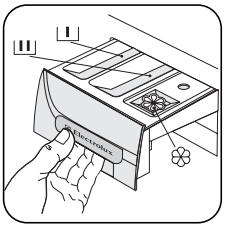
To disable this device and restore the possibility of closing the door, rotate the button anti-clockwise until the groove is vertical.

Description of the appliance

1. Detergent dispenser drawer
2. Control panel
3. Door opening handle
4. Drain pump
5. Adjustable feet



Detergent dispenser drawer

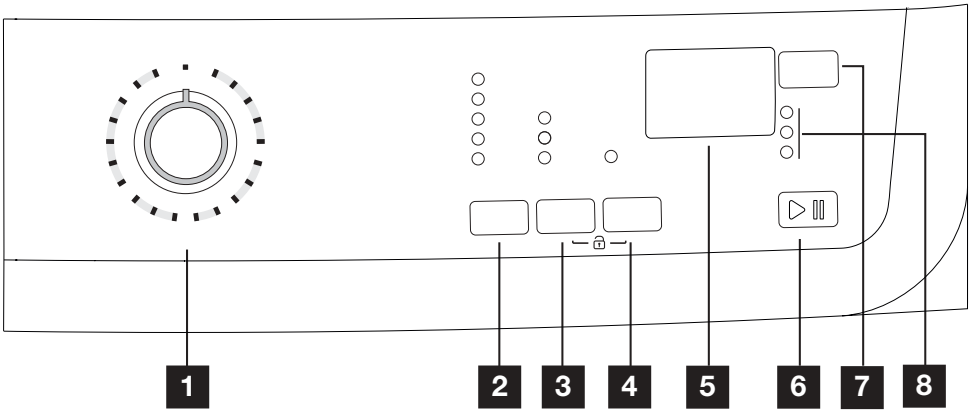


I Prewash

II Wash

Fabric Softener

Control panel and functions



Control Panel key symbols:

= «No spin» option, = «Rinse Hold» option, = Child safety lock

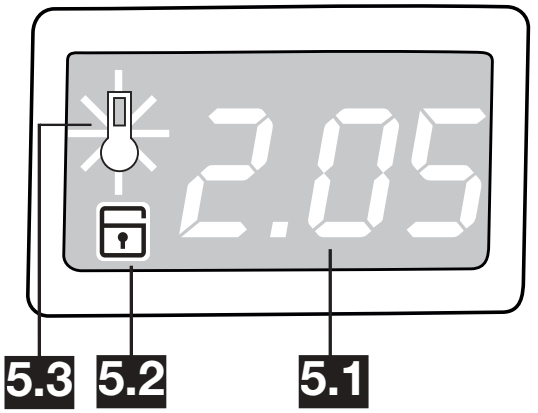
Information

The control panel is illustrated above. It shows the programme selector dial as well as the different buttons, the pilot lights and the display. These are represented by relevant numbers which are explained in the table below.

1	Programme selector dial and On/Off switch	• The programme selector dial allows you to select a programme and/or to switch the machine on/off. It can be turned either clockwise or anticlockwise. The light of button 6 starts to flash.
2	Spin reduction button	• Press the Spin button repeatedly to change the spin speed, if you want your laundry to be spun at a speed different from the one proposed by the washer-dryer or to select the «No spin» or the «Rinse Hold» option. The relevant light will light up.
3	Options button	• By pressing this button, you can select only one of the following options: «Prewash», «Intensive», «Super Quick» (see the relevant chapter «Functions»). • The relevant light will light up.

4	Extra Rinse button	• By pressing this button, the machine performs some additional rinses.
5	Display	• The display shows the following information: duration of the selected programme, selected drying time, incorrect option selection, alarm codes, heating phase, child safety lock and end of programme.
6	Start/Pause button	• This button allows you to start the selected programme; the corresponding green pilot light stops flashing. • This button also interrupts a programme which is running, the corresponding green pilot light starts to flash.
7	Drying Time button	• By pressing this button you can select a timed programme for cotton or synthetics, the relevant phase light illuminates.
8	Programme progress display	• The different pilot lights illuminate during the different phases: washing (Wash= 8.1), drying (Dry= 8.2) and at the end of the cycle (End= 8.3).

Display



The display (5) shows the following information:

5.1 Duration of the selected programme/

After selecting a programme the duration of the selected programme appears on the display (e.g. *2.05*). During the programme, the time remaining is updated every minute.
After having pressed button 6, the light 8.1 illuminates and stays on.

/Selected drying time

After selecting a drying programme, the drying time is displayed in minutes or in hours and minutes (max 250 mins = *4.10* only for cottons).
After the programme has started the time remaining is updated every minute.

/Incorrect option selection

The incorrect option selection is indicated by the message *Err* displayed for a few seconds and by flashing of the red light button 6.

/Alarm codes

In the event of operating problems, some alarm codes can be displayed, (see paragraph «What to do if...»).

/End of programme

The End of programme is indicated by three flashing zeros «*0.00*». The light 8.3 illuminates. After a few minutes the door can be opened.

5.2 Child safety lock

This device permits you to leave the appliance unattended during it's functioning.

5.3 Heating phase

During the washing cycle the display shows a temperature icon to indicate that the appliance has started the heating phase of the water in the tub.

«Stand by»

If your laundry is not removed during 10 minutes after the programme is finished, the backlight of the display switches off and the energy saving system will be enabled.
Only the button 6 pilot light is blinking to indicate that the appliance has to be switched off.
By pressing any button the appliance will come out from the energy saving status and you could set another washing programme or switched off the appliance.

Functions

No spin (button 2)

By selecting this option all the spinning phases are suppressed to prevent the fabrics from creasing. The final spin is replaced by a draining phase.

Rinse Hold (button 2)

By selecting this option the water of the last rinse is not emptied out to prevent the fabrics from creasing.

When the programme has finished, the Start/Pause and the «Wash» light go off, the «End»(8.3) pilot light illuminates, the display shows three flashing zeros «*0.00*» and the door is blocked to indicate that the water must be emptied out.

To empty out the water see chapter «At the end of the programme».

Prewash (button 3)

Select this option if you wish your laundry to be prewashed at 30°C before the main wash (not available for all programmes). The prewash ends with a short spin in programmes for cotton and synthetics, whereas in the programmes for delicate fabrics the water is only drained.

Intensive (button 3)

This option can be selected for heavily soiled laundry: the washing intensity will be increased and the washing time will be prolonged by a few minutes depending on the selected type of fabric.

Super Quick (button 3)

A very short cycle for slightly soiled items that have been used or worn for a short time. The washing time will be reduced according to the type of fabric and the selected temperature.

We recommend that you reduce the load size.

Extra Rinse option (button 4)

This option is recommended for people who are allergic to detergents, and in areas where the water is very soft. The machine performs some additional rinses.

For the options compatibility with each programme, please refer to the «Programme table».

Drying time (button 7)

By pressing this button you can select a timed drying for cotton or synthetics. The corresponding light 8.2 illuminates. The selected drying time appears on the display.

For Cottons you can select a drying time from 10 minutes to 250 minutes (*4.10*).

For Synthetics it is possible to select a drying time from 10 minutes to 130 minutes (*2.10*).

Every time you press the button the time increases by 5 mins.

Pilot Light (s) 8

When selecting the programmes, depending on the programme selected, the «Wash» (8.1) or the «Dry» (8.2) pilot light illuminates and stays on while the machine is working. In any case both lights indicate that the appliance starts operating and the door is locked.

When the programme has finished, the «End» (8.3) pilot light illuminates and the other lights go off.

Programme table

Programme/ Temperature	Type of laundry	Options	Description of programme
Cottons 90°	White cotton (normally soiled cotton items	Spin red. Prewash, Intensive, Super Quick(*), Extra rinse	Main wash, rinses Long spin at max speed Max Load: 6 Kg Reduced Load: 3 Kg
Cottons 60° Eco	White and fast coloured cotton (normally soiled cotton items)	Spin red. Prewash, Extra rinse	Main wash, rinses Long spin at max speed Max Load: 6 Kg
Cottons 60° - 40°	Coloured cotton normally soiled	Spin red. Prewash, Intensive, Super Quick(*), Extra rinse	Main wash, rinses Long spin at max speed Max Load: 6 Kg Reduced Load: 3 Kg
Cottons 40° Eco	Coloured cotton lightly soiled	Spin red. Prewash, Extra rinse	Main wash, rinses Long spin at max speed Max Load: 6 Kg
Synthetics 50° - 40	Synthetic or mixed fabrics	Spin red. Prewash, Intensive, Super Quick(*), Extra rinse	Main wash, rinses Short spin at 900 rpm Max Load: 3 Kg Reduced Load:1.5 Kg
Synthetics Easy iron 40°	Synthetic or mixed fabrics to be gently washed and spun.	Spin red. Prewash, Extra rinse	Main wash, rinses Short spin at 900 rpm Max Load: 1.5 Kg
Delicates 40° - 30°	Delicate fabrics, for example curtains.	Prewash, Super Quick(*) Intensive, Extra Rinse	Main wash, rinses Short spin at 700 rpm Max Load: 3 Kg Reduced Load:1.5 Kg

(*) If you select the option «Super Quick» by pressing the button **3** , we recommend that you reduce the load sizes as indicated in the table above. Full loading is possible however with somewhat reduced cleaning results.

Programme table

Programme/ Temperature	Type of laundry	Options	Description of programme
Wool 40°	Programme for wool «Pure new wool, non-shrink, machine washable» label.	Spin red.,	Main wash, rinses Short spin at 900 rpm Max Load: 2 Kg
Handwash 30° - Cold	Special programme for hand washing fabrics	Spin red.,	Main wash, rinses Short spin at 900 rpm Max Load: 2 Kg
Mini 30' 30°	Short cycle for lightly soiled fabrics		Main Wash, rinses Short spin at 700 rpm Max Load: 2.5 Kg
Silk 30°	Silk items to be gently washed and spun.		Main wash, rinses Short spin at 700 rpm Max Load: 1 Kg
Rinse	Separate rinse cycle for hand washed cotton items.	Spin red. Extra rinse	3 rinses Long spin at max speed Max Load: 6 Kg
Drain	For emptying out the last rinse water in programmes with the «Rinse Hold» option.		Draining of water
Spin	Separate spin for cottons.	Spin red.	Drain and long spin

Drying Times

Degree of drying	Type of fabric	Max Load	Spin speed	Suggested drying time (mins)
Suitable for items to put away without ironing	Cotton and linen (bathrobes, bath towels, etc	4 kg	1600 rpm	130 - 150
			1400 rpm	140 - 160
			1200 rpm	150 - 170
		3 kg	1600 rpm	75 - 85
			1400 rpm	80 - 90
			1200 rpm	85 - 95
		1.5 kg	1600 rpm	35 - 45
			1400 rpm	40 - 50
			1200 rpm	45 - 55
	Synthetics and mixed fabrics (jumpers, blouses, underwear, household linen)	2 kg	900 rpm	70 - 80
		1 kg	900 rpm	35 - 45
Suitable for ironing	Cotton and linen (sheets, tablecloths, shirts, etc.)	4 kg	1600 rpm	100 - 120
			1400 rpm	110 - 130
			1200 rpm	120 - 140
		3 kg	1600 rpm	60 - 70
			1400 rpm	65 - 75
			1200 rpm	70 - 80
		1.5 kg	1600 rpm	30 - 40
			1400 rpm	35 - 45
			1200 rpm	40 - 50

In compliance with EC directive EN 50229 the cotton reference programme for the data entered in the Energy Label must be tested dividing the maximum washing load by two equal parts and drying with TIMED DRYING each of them.

NOTE!

The different type of cottons (towelling,sheets, shirts and so on) or eventual laundry rolling up during spinning phase may cause a not uniform dryness. So, in the exceptional case that at the end of the cycle the laundry remains slightly wet, we suggest you to stretch the items rolled up out, to redistribute evenly the laundry in the drum and to select an additional drying cycle of 20-30 minutes.

Programme information

Eco programmes	This programme can be selected for slightly or normally soiled cotton items. The temperature will decrease and the washing time will be extended. This allows you to obtain a good washing efficiency whilst saving energy.
Wool and Handwash	Washing programme for machine washable wool as well as for hand washable woollens and delicate fabrics with the «hand washing» care symbol .
Silk	Delicate washing programme suitable for silk and mixed synthetics items. Washing temperature is 30°C. The maximum spin speed is automatically reduced to 700 rpm.
Easy Iron	Selecting this programme, the laundry is gently washed and spun to avoid any creasing. In this way ironing is easier. Furthermore the machine will perform additional rinses.
Mini 30'	Special program at 30°C, (the duration is approx. 30 minutes), suitable for laundry to be freshened up: e.g. a sport jacket worn only once or slightly soiled or new garments.
Rinses	With this programme it is possible to rinse and spin cotton garments which have been washed by hand. The machine performs 3 rinses, followed by a final spin at maximum speed. The spin speed can be reduced by depressing the button 2.
Drain	For emptying out the water of the last rinse in programmes with the Rinse Hold option. Turn first the programme selector dial to «Off», then select programme Drain and depress the button 6.
Spin	Separate spin for hand washed garments and after programmes with Rinse Hold option. Before selecting this programme the selector dial must be turned to Off. You can choose the speed by means of the relevant button to adapt it to the fabrics to be spun.
Off = Cancelling/ Switching off of the appliance	To reset a programme and to switch off the machine turn the selector dial to «Off». A new programme can now be selected.

Washing and drying hints

Sorting the laundry

Follow the wash code symbols on each garment label and the manufacturer's washing instructions. Sort the laundry as follows: whites, coloureds, synthetics, delicates, woollens.

Temperatures

90° or 95°	for normally soiled white cottons and linen (e.g. tea cloths, towels, tablecloths, sheets...)
50°/60°	for normally soiled, colour fast garments (e.g. shirts, night dresses, pyjamas....) in linen, cotton or synthetic fibres and for lightly soiled white cotton (e.g. underwear).
30°-40°-Cold	for delicate items (e.g. net curtains), mixed laundry including synthetic fibres and woollens bearing the label «pure new wool, machine washable, non-shrink».

Before loading the laundry

Never wash whites and coloureds together. Whites may lose their «whiteness» in the wash.

New coloured items may run in the first wash; they should therefore be washed separately the first time.

Make sure that no metal objects are left in the laundry (e.g. hair clips, safety pins, pins). Button up pillowcases, close zip fasteners, hooks and poppers. Tie any belts or long tapes.

Remove persistent stains before washing. Rub particularly soiled areas with a special detergent or detergent paste.

Treat curtains with special care. Remove hooks or tie them up in a bag or net.

Avoid drying dark clothes with light coloured fluffy items such as towels as these can attract the fluff.

Remove the laundry when the appliance has finished drying.

To avoid a static charge when drying is completed, use either a fabric softener when you are washing the laundry or a fabric conditioner specifically for tumble dryers.

Particularly delicate items such as synthetic curtains, woollen and silk, garments with metal inserts, nylon stockings, bulky garments such as anoraks, bedcovers, quilts, sleeping bags and duvets must not be machine dried.

Garments padded with foam-rubber or materials similar to foam-rubber must not be machine dried; they represent a fire hazard.

Also, fabrics containing residues of setting lotions or hair sprays, nail solvents or similar solutions must not be machine dried in order to avoid the formation of harmful vapours.

For drying, follow the indications given on the manufacturer's labels.

May be tumble dried

Drying at high temperature

Drying at reduced temperature

Do not tumble dry

IMPORTANT!

As a dryer, the machine works on the condensation principle.

Therefore, the water tap must be open and the drain hose must drain water into a sink or into the drain pipe, even during the drying cycle.

Maximum loads

Recommended loads are indicated in the programme charts.
General rules:
Cotton, linen: drum full but not too tightly packed;
Synthetics: drum no more than half full;
Delicate fabrics and woollens: drum no more than one third full.
Washing a maximum load makes the most efficient use of water and energy.
For heavily soiled laundry, reduce the load size.

Laundry weights

The following weights are indicative:

bathrobe	1200 g
napkin	100 g
quilt cover	700 g
sheet	500 g
pillow case	200 g
tablecloth	250 g
towelling towel	200 g
tea cloth	100 g
night dress	200 g
ladies' briefs	100 g
man's work shirt	600 g
man's shirt	200 g
man's pyjamas	500 g
blouse	100 g
men's underpants	100 g

Removing stains

Stubborn stains may not be removed by just water and detergent. It is therefore advisable to treat them prior to washing.

Blood: treat fresh stains with cold water. For dried stains, soak overnight in water with a special detergent then rub in the soap and water.

Oil based paint: moisten with benzine stain remover, lay the garment on a soft cloth and dab the stain; treat several times.

Dried grease stains: moisten with turpentine, lay the garment on a soft surface and dab the stain with the fingertips and a cotton cloth.

Rust: oxalic acid dissolved in hot water or a rust removing product used cold. Be careful with rust stains which are not recent since the cellulose structure will have already been damaged and the fabric tends to hole.

Mould stains: treat with bleach, rinse well (whites and fast coloureds only).

Grass: soap lightly and treat with bleach (whites and fast coloureds only).

Ball point pen and glue: moisten with acetone (*), lay the garment on a soft cloth and dab the stain.

Lipstick: moisten with acetone as above, then treat stains with methylated spirits. Remove any residual marks from white fabrics with bleach.

Red wine: soak in water and detergent, rinse and treat with acetic or citric acid, then rinse. Treat any residual marks with bleach.

Ink: depending on the type of ink, moisten the fabric first with acetone (*), then with acetic acid; treat any residual marks on white fabrics with bleach and then rinse thoroughly.

Tar stains: first treat with stain remover, methylated spirits or benzine, then rub with detergent paste.
(*) do not use acetone on artificial silk.

Detergents and additives

Good washing results also depend on the choice of detergent and use of the correct quantities to avoid waste and protect the environment. Although biodegradable, detergents contain substances which, in large quantities, can upset the delicate balance of nature.

The choice of detergent will depend on the type of fabric (delicates, woollens, cottons, etc.), the colour, washing temperature and degree of soiling.
All commonly available washer-dryer detergents may be used in this appliance:

- powder detergents for all types of fabric,
- powder detergents for delicate fabrics (60°C max) and woollens,
- liquid detergents, preferably for low temperature wash programmes (60°C max) for all types of fabric, or special for woollens only.

The detergent and any additives must be placed in the appropriate compartments of the dispenser drawer before starting the wash programme.
If using concentrated powder or liquid detergents, a programme without prewash must be selected.
The washer-dryer incorporates a recirculation system which allows an optimal use of the concentrated detergent.
Pour liquid detergent into the dispenser drawer compartment marked II just before starting the programme.
Any fabric softener or starching additives must be poured into the compartment marked ❀ before starting the wash programme.
Follow the product manufacturer's recommendations on quantities to use and do not exceed the «MAX» mark in the detergent dispenser drawer.

Quantity of detergent to be used

The type and quantity of detergent will depend on the type of fabric, load size, degree of soiling and hardness of the water used.
Water hardness is classified in so-called «degrees» of hardness. Information on hardness of the water in your area can be obtained from the relevant water supply company.

Follow the product manufacturers' instructions on quantities to use.

Degrees of water hardness

Follow the product manufacturers' instructions on quantities to use.
Use less detergent if:

- you are washing a small load,
- the laundry is lightly soiled,
- large amounts of foam form during washing.

Level	Characteristic	Degrees	
		German °dH	French °T.H.
1	soft	0-7	0-15
2	medium	8-14	16-25
3	hard	15-21	26-37
4	very hard	> 21	> 37

Before the first use

⚠ WARNING!

Ensure that the electrical and water connections comply with the installation instructions.

IMPORTANT!

Remove the polystyrene block and any material from the drum.

IMPORTANT!

Pour 2 litres of water into the main wash compartment II of the detergent drawer in order to activate the ECO valve. Then run a cotton cycle at 90°C or 95°C, without any laundry in the machine, to remove any manufacturing residue from the drum and tub. Pour 1/2 a measure of detergent into the dispenser drawer and start the machine.

Child safety lock

This device permits you to leave the appliance unattended without having the worry that children might be injured by or cause damage to the appliance.

This function remains enabled also when the washer-dryer is not working.

There are two different ways to set this option:

- before pressing the 6: it will be impossible to start the machine.
- after pressing the button 6 it will be impossible to change any other programme or option.

To enable (disable) this option press simultaneously for about 6 seconds buttons 3 and 4 until the icon appears (disappears) on (from) the display.

Acoustic signals

The machine is supplied with an acoustic device, which sounds in the following cases:

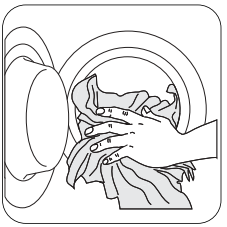
- at the end of the cycle
- in the event of operating problems

By pressing the buttons 2 and 3 simultaneously for about 6 seconds, the acoustic signal is deactivated (except for the events of operating problems).

By pressing these 2 buttons again, the acoustic signal is reactivated.

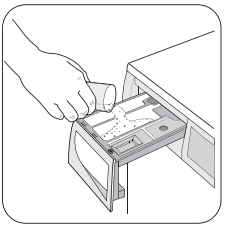
Operating sequence - Washing only

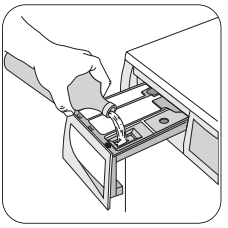
Washing



1. Load the laundry
Open the door by carefully pulling the door handle outwards. Place the laundry in the drum, one item at a time, shaking them out as much as possible. Close the door.

Measure out the detergent and the fabric softener





Pull out the dispenser drawer until it stops. Measure out the amount of detergent required, pour it into the main wash compartment II and, if you wish to carry out the prewash phase, pour it into the compartment marked I. If required, pour fabric softener into the compartment marked ❀ (the amount used must not exceed the «MAX» mark in the drawer). Close the drawer gently.

Select the required programme by turning the programme selector dial (**1**)

Turn the programme selector dial to the required programme. The green light of button **6** starts to flash.

On position «Off» the programme is reset and the machine is switched off.

At the end of the programme the selector dial must be turned to position «Off», to switch the machine off.

IMPORTANT!

If you turn the programme selector dial to another programme when the machine is working, the red light of button **6** will flash 3 times and the message Err is displayed to indicate a wrong selection. The machine will not perform the new selected programme.

Select the spin speed or No Spin or Rinse Hold option by pressing button **2**

When selecting a programme, the light corresponding to the maximum speed allowed for that programme will illuminate (refer to the section «Programme table» for the maximum allowed by each cycle spin speed). The relevant light will light up.

Select the desired option by pressing the buttons **3** and **4**

Depending on the programme, different functions can be combined. These must be selected after choosing the desired programme and before pressing the button **6**. The relevant light will light up.

In any case, if an option is chosen that is not allowed with the selected programme, the message *Err* will be displayed on the display for a few seconds, and the red light of the button **6** start flashing.

IMPORTANT!

For the compatibility of the options with the washing programmes, please refer to the «Programme table».

Start the programme by pressing button 6

To start the selected programme, press this button; the corresponding green pilot light stops flashing. The appliance starts operating and the door is locked.
To interrupt a programme which is running, depress the button 6: the corresponding green pilot light starts to flash.
To restart the programme from the point at which it was interrupted, press the same button again.

IMPORTANT!

If an incorrect option is selected, the red pilot light of the button 6 flashes 3 times and the message Err is displayed for a few seconds.

Altering an option or a running programme

It is possible to change some options before the programme carries it out.
Before you make any change, you must pause the washer-dryer by pressing the button 6.

Changing a running programme is possible only by resetting it. Turn the programme selector dial to «Off» and then to the new programme position.

Start the new programme by depressing the button 6 again. The washing water in the tub will not be emptied out.

Interrupting a programme

Press the button 6 to interrupt a programme which is running, the corresponding light starts to flash. Press the same button again to restart the programme.

Cancelling a programme

Turn the selector dial to «Off» to cancel a programme which is running. You can now select a new programme.

Opening the door after the programme has started

First set the machine to pause by pressing the button 6. The door can be opened immediately or after a few minutes depending on the model. In any case do not try to open the door if it is locked!

If the door remains locked, this means that the machine is already heating or that the water level is to high.

If you cannot open the door but you need to open it you have to switch the machine off by turning the selector dial to «Off». After a few minutes the door can be opened (pay attention to the water level and temperature!).

After this procedure, it will be necessary to set the programme and the options again and then to press button 6.

At the end of the programme

The machine stops automatically. Some acoustic signals sound. The light of button 6 and the light 8.1 go off, the light 8.3 illuminates and on the display will appear a flashing «*0.00*». The door can be opened.

If, at the end of a programme, there is water in the tub, the light 8.3 illuminates but the door remains locked to indicate that the water must be emptied out before opening the door.

To empty out the water proceed as follows:

1. turn the programme selector dial to «Off»
2. select the Drain or Spin programme
3. reduce the spin speed if needed, by pressing the relevant button
4. press the button **6**
5. at the end of programme, only the pilot light **8.3** illuminates.

Turn the programme selector dial to «Off» to switch the machine off.

Remove the laundry from the drum and carefully check that the drum is empty.

If you do not intend to carry out another wash, close the water tap.

Leave the door open to prevent the formation of mildew and unpleasant smells.

Operating sequence - Drying only

The recommended load to dry in your washer-dryer is 3 kg for cotton and 2 kg for synthetics.

Note!
It is possible also to dry up to 4 kg of cotton items (see the drying times table).

The water tap must be open and the drain hose must be positioned in the sink or connected to the drain pipe.

1. Load the laundry.
2. Turn the selector dial to «Cottons» or «Synthetics» programme in the «Drying» section.
3. Select the duration of the drying cycle by pressing repeatedly button **7** until the time you want appears on the display (see the drying programmes).

For Cottons you can select a drying time from 10 minutes to 250 minutes (*4.10*).

For Synthetics you can select a drying time from 10 minutes to 130 minutes (*2.10*).

Every time you press the button the time increases by 5 mins.

Note!

The drying time will automatically increase by up to 2 minutes. This is quite normal.

4. Press the button **6** to start the programme. After the programme has started, the time remaining is updated every minute.
5. At the end of the programme, the buzzer sounds. Three flashing zeros «*0.00*» will appear on the display.
   At this point, begins an «anti-crease phase», which lasts about 10 minutes. The door is locked and can be opened only at the end of this phase.

   Note!
   If you wish to open the door before the anti-crease phase or to interrupt it, press any key or turn the programme selector dial to any programme position (except «Off»). The door can be opened immediately or in a few minutes depending on the model.
6. Turn the selector dial to the «Off» position to switch the machine off. Remove the laundry.

Autodrying (NON-STOP programme)

For NON-STOP programmes, the recommended load to wash and dry in your washer-dryer is 3 kg for cotton and 2 kg for synthetics.

Note!
It is possible also to wash and dry up to 4 kg of cotton items (see the drying times table).

Do not use a dosing device/ball when carrying out a washing & drying programme.

1. Load the laundry.
2. Add detergent and fabric softener.
3. Switch the machine on by turning the selector dial to the selected wash programme/fabric.
4. Select the drying time (see the drying programmes).
5. Select the required options by pressing the relevant buttons. The display shows the entire duration of the washing and the selected drying cycle.

   If possible, do not select a spin speed lower than that proposed by the appliance to avoid a too long drying time so saving energy.

   In any case the reduction of the spin speed is only possible after selecting drying.

   The lowest values you can select are the following:

   - 900 r.p.m. for cottons
   - 700 r.p.m. for synthetics
6. Start the programme by pressing the button **6**. After the programme has started, the time remaining on the display is updated every minute.
7. At the end of the programme the buzzer sounds. Three flashing zeros «*0.00*» appear on the display .

   At this point of the programme, starts an anti-crease phase which lasts about 10 minutes. During this time the door is locked and the display keeps showing the flashing zeros «*0.00*».

   (If you wish to open the door before or during the anti-crease phase, please follow the instructions given in the previous chapter).
7. Turn the selector dial to the «Off» position to switch the machine off.
8. Remove the laundry.

Care and cleaning

IMPORTANT!

You must DISCONNECT the appliance from the electricity supply, before you can carry out any cleaning or maintenance work.

Descaling

The water we use normally contains lime. It is a good idea to periodically use a water softening powder in the machine. Do this separately from any laundry washing, and according to the softening powder manufacturer's instructions. This will help to prevent the formation of lime deposits.

Maintenance Wash

With the use of low temperature washes it is possible to get a build up of residues inside the drum.
We recommend that a maintenance wash be performed on a regular basis.
To run a maintenance wash:

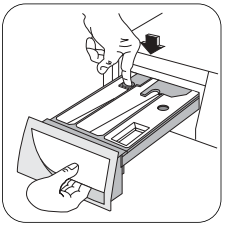
- The drum should be empty of laundry.
- Select the hottest cotton wash programme.
- Use a normal measure of detergent, must be a powder with biological properties.

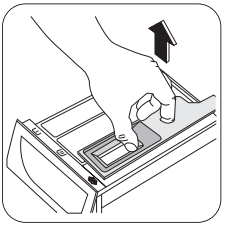
External cleaning

Clean the exterior cabinet of the appliance with soap and water only, and then dry thoroughly.

Cleaning the dispenser drawer

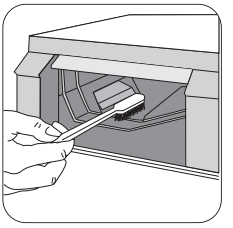
The washing powder and additive dispenser drawer should be cleaned regularly.





To aid cleaning, the top part of the additive compartment should be removed.
Remove the drawer by pressing the catch downwards and by pulling it out. Flush it out under a tap, to remove any traces of accumulated powder.

Cleaning the drawer recess



Having removed the drawer, use a small brush to clean the recess, ensuring that all washing powder residue is removed from the upper and lower part of the recess.
Replace the drawer and run the rinse programme without any clothes in the drum.

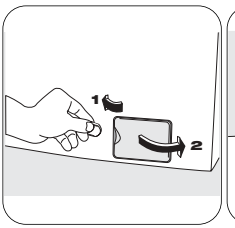
Cleaning the pump

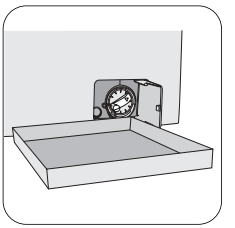
The pump should be inspected if

- the machine does not empty and/or spin
- the machine makes an unusual noise during draining due to objects such as safety pins, coins etc. blocking the pump.

Proceed as follows:

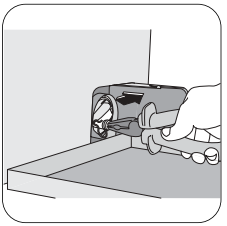
- disconnect the appliance.
- if the appliance is operating, wait, if necessary, until the water has cooled down.
- open the pump door levering on the groove with a coin.
- place a bowl with a small edge close to the pump to collect any spillage

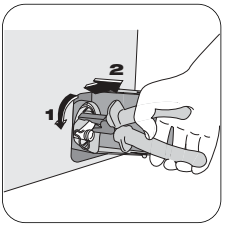




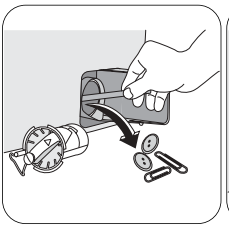
Care and cleaning

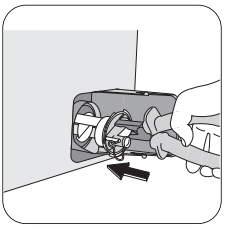
- pull out the emergency emptying cap from the filter cover, using a pliers.
- when no more water comes out, unscrew the pump cover, using a pliers, and remove the filter. Always keep a rag nearby to dry up spillage of water when removing the cover.



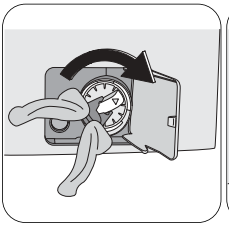


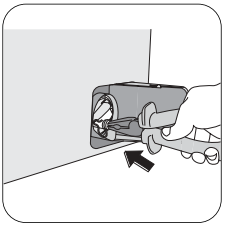
- Remove any objects from the pump impeller by rotating it.

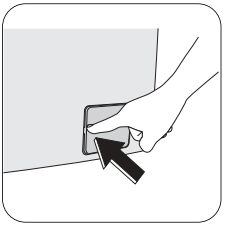




- replace the emergency emptying cap into the filter cover and fix it firmly.







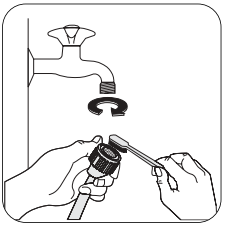
- Close the pump door.

IMPORTANT!

When the appliance is in use and depending on the programme selected there can be hot water in the pump.
Never remove the pump cover during a wash cycle, always wait until the appliance has finished the cycle, and is empty. When replacing the cover, ensure it is securely retightened so as to stop leaks and young children being able to remove it.

Cleaning the water inlet filter

If your water is very hard or contains traces of lime deposit, the water inlet filter may become clogged.
It is therefore a good idea to clean it from time to time.



Turn off the water tap. Unscrew the water inlet hose. Clean the filter using a hard bristle brush. Tighten up the inlet hose.

The dangers of freezing

If the machine is exposed to temperatures below 0°C, certain precautions should be taken:

- pull out the plug from the power socket;

- turn off the water tap.
- unscrew the inlet hose.
- place a bowl with a small edge close to the pump to collect any spillage from the emergency emptying hose.
  Place the end of the inlet hose in a bowl placed on the floor and let water drain out.
- screw the water inlet hose back on and reposition the emergency emptying cap on again into the filter cover.
- when you intend to start the machine up again, make sure that the room temperature is above 0°C.

IMPORTANT!

Every time you drain the water through the emergency emptying hose you must pour 2 litres of water into the main wash compartment of the detergent drawer and then run the drain programme. This will activate the ECO VALVE device avoiding that part of the detergent remains unused at next washing.

Emergency emptying out

If the water is not discharged, proceed as follows to empty out the machine:

- pull out the plug from the power socket;
- close the water tap;
- if necessary, wait until the water has cooled down;
- open the pump door using a suitable tool;
- place a bowl with a small edge close to the pump to collect any spillage. Remove the emergency emptying cap from the filter cover. The water should drain by gravity into the bowl. When the bowl is full, put the cap back on filter cover. Empty the bowl. Repeat the procedure until water stops flowing out;
- clean the pump if necessary as previously described;
- replace the filter into the pump and screw it firmly as previously described;
- replace the emergency emptying cap into the filter cover and close the pump door.

What to do if...

IMPORTANT!

Certain problems are due to lack of simple maintenance or oversights, which can be solved easily without calling out an engineer. Before contacting your local Service Centre, please carry out the checks listed below.

During machine operation it is possible that the red pilot light of the button **6** flashes, the buzzer sounds and one of the following alarm codes appears on the display to indicate that the machine is not working.

- *E10*: problem with the water supply
- *E20*: problem with water draining
- *E40*: door open.

Once the problem has been eliminated, press the button **6** to restart the programme. If after all checks, the problem persists, contact your local Service Centre.

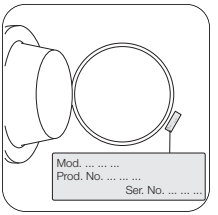
Malfunction	Possible Cause / Solution
The washer-dryer does not start:	The door has not been closed. *E40* • Close the door firmly. The plug is not properly inserted in the power socket. • Insert the plug into the power socket. There is no power at the socket. • Please check your domestic electrical installation. The main fuse or the fuse in the plug has blown. • Replace the fuse. The selector dial is not correctly positioned and the button **6** has not been pressed. • Please turn the selector dial and press the button **6** again. The «Child Safety Lock» option has been selected. • Disable the «Child Safety Lock» option.
The machine does not fill:	The water tap is closed. *E10* • Open the water tap. The inlet hose is squashed or kinked. *E10* • Check the inlet hose connection. The filter in the inlet hose is blocked. *E10* • Clean the water inlet hose filter. The door is not properly closed. *E40* • Close the door firmly.

Malfunction	Possible Cause / Solution
The machine fills then empties immediately:	The end of the drain hose is too low. • Refer to relevant paragraph in «water drainage» section.
The machine does not empty and/or does not spin:	The drain hose is squashed or kinked. E20 • Check the drain hose connection. The drain pump is clogged. E20 • Clean the drain pump. The Rinse Hild or No spin option has been selected. • Select the Drain or Spin programmes The laundry is not evenly distributed in the drum. • Redistribute the laundry.
There is water on the floor:	Too much detergent or unsuitable detergent (creates too much foam) has been used. • Reduce the detergent quantity or use another one. Check whether there are any leaks from one of the inlet hose fittings. It is not always easy to see this as the water runs down the hose; check to see if it is damp. • Check the water inlet hose connection. The inlet hose is damaged. • Replace it with a new one. The emergency emptying cap has not been replaced on the filter after cleaning. • Refit the emergency emptying cap on the filter.
Unsatisfactory washing results:	Too little detergent or unsuitable detergent has been used. • Increase the detergent quantity or use another one. Stubborn stains have not been treated prior to washing. • Use commercial products to treat the stubborn stains. The correct temperature was not selected. • Check if you have selected the correct temperature. Excessive laundry load. • Reduce the laundry load.

Malfunction	Possible Cause / Solution
The door will not open:	The programme is still running. • Wait until the end of washing cycle. The door lock has not been released. • Wait a few minutes. There is water in the drum. • Select drain or spin programme to empty out the water.
The machine vibrates or is noisy:	The transit bolts and packing have not been removed. • Check the correct installation of the appliance. The support feet have not been adjusted. • Check the correct levelling of the appliance. The laundry is not evenly distributed in the drum. • Redistribute the laundry. Maybe there is too little laundry in the drum. • Load more laundry.
Spinning starts late or the machine does not spin:	The electronic unbalance detection device has cut in because the laundry is not evenly distributed in the drum. The laundry is redistributed by reverse rotation of the drum. This may happen several times before the unbalance disappears and normal spinning can resume. If, after 10 minutes, the laundry is still not evenly distributed in the drum, the machine will not spin. In this case, redistribute the load manually and select the spin programme. • Redistribute the laundry.
The machine makes an unusual noise	The machine is fitted with a type of motor which makes a different noise compared with other traditional motors. This new motor ensures a softer start and more even distribution of the laundry in the drum when spinning, as well as increased stability of the machine.

Malfunction	Possible Cause / Solution
The machine does not dry or does not dry properly	The drying time has not been selected. • Select the drying time. The water tap is not turned on (*E10*) • Open the water tap. The drain filter is clogged (*E20*) • Clean the drain filter. The machine is overloaded. • Reduce the laundry load. The selected drying programme or time was not suitable for the laundry. • Select the suitable drying programme or time for the laundry.
No water is visible in the drum	Machines based on modern technology operate very economically using very little water without affecting performance.

If you are unable to identify or solve the problem, contact our service centre.
Before telephoning, make a note of the model, serial number and purchase date of your machine: the Service Centre will require this information.



Technical data

Dimensions	Width	60 cm
	Height	85 cm
	Depth (including the porthole)	63 cm
Electrical connection Voltage - Overall power - Fuse	Information on the electrical connection is given on the rating plate on the inner edge of the appliance door	
Water supply pressure	Minimum	0,05 MPa
	Maximum	0,8 MPa
Maximum Load	Cotton	6 kg
	Synthetics	3 kg
	Delicates	3 kg
	Woollens and handwash	2 kg
Maximum Drying Load	Cotton	3 kg
	Cotton Big Capacity	4 kg
	Synthetics	2 kg
Spin Speed	Maximum	1600 rpm (ZWD 16270 W1) 1400 rpm (ZWD 14270 W1) 1200 rpm (ZWD 12270 W1) 1200 rpm (ZWD 12270 S1) 1200 rpm (ZWD 12270 G1)

Consumption values

Programme	Programme duration (in minutes)	Energy consumption (in kWh)	Water consumption (in litres)
Cottons 90°C	For the duration of the programmes, please refer to the display on the control panel	2.0	61
Cottons 60° Eco(*)		1.02	54
Cottons 60°C - 40°C		1.3	58
Cottons 40° Eco		1.14	54
Synthetics 50°C - 40°C		0.8	51
Synthetics Easy Iron 40°C		0.35	60
Delicates 40°C - 30°C		0.55	60
Wool 40°C		0.4	53

Information

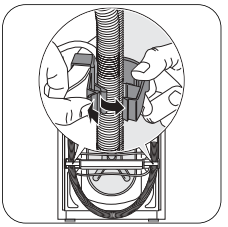
The consumption data shown on this chart is to be considered purely indicative, as it may vary depending on the quantity and type of laundry, on the inlet water temperature and on the ambient temperature. It refers to the highest temperature for each wash programme.

(*) The “Cottons 60° Eco” is the reference programme with a load of 6 kg for the data entered in the energy label, in compliance with EEC 92/75 standards.

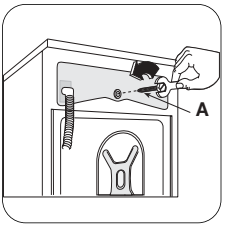
Installation instruction

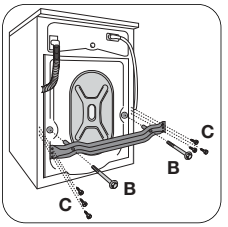
Unpacking

All transit bolts and packing must be removed before using the appliance.
You are advised to keep all transit devices so that they can be refitted if the machine ever has to be transported again.

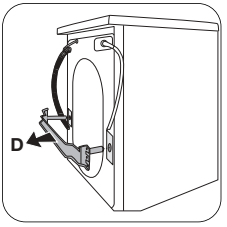


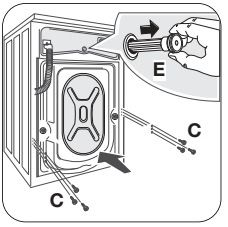
1. After removing all the packaging, carefully lay machine on it's back to remove the polystyrene base from the bottom.
2. Remove the power supply cable and the draining hose from the hose holders on the rear of the appliance.



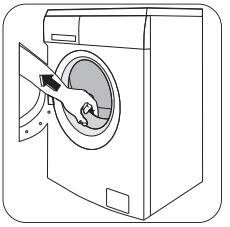
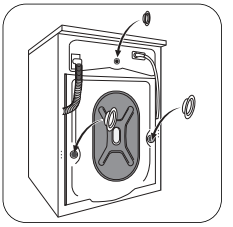


3. With a suitable spanner unscrew and remove the central rear bolt A.
4. Unscrew and remove the two large rear bolts B and the six smaller bolts C.





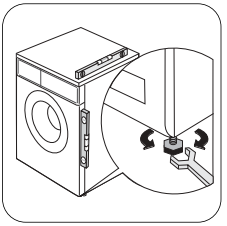
5. Remove the bracket D, refit the six smaller bolts C and slide out the relevant plastic spacer E.

6. Open the porthole and remove the polystyrene block fitted on the door seal.
7. Fill the smaller upper hole and the two large ones with the corresponding plastic plug caps supplied in the bag containing the instruction booklet.

Positioning

Install the machine on a flat hard floor. Make sure that air circulation around the machine is not impeded by carpets, rugs etc. Check that the machine does not touch the wall or other kitchen units. Level the washer-dryer by raising or lowering the feet. The feet may be tight to adjust as they incorporate a self locking nut, but the machine MUST be level and stable.
If necessary, check the setting with a spirit level.
Any necessary adjustment can be made with a spanner.
Accurate levelling prevents vibration, noise and displacement of the machine during operation.
Never place cardboard, wood or similar materials under the machine to compensate for any unevenness in the floor.



Special conditions

If the floor is carpeted or covered with crumbly or soft material, insert a rigid support base under the feet to prevent noise, vibration or displacement. The base should protrude a few centimetres beyond the edges of the machine.

⚠ WARNING!

The machine should NOT be placed on deep pile carpeting.

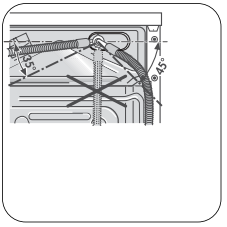
NOTE

Please ensure that when the appliance is installed it is easily accessible for the engineer in the event of a breakdown.

Water inlet

The inlet hose is already screwed on the back of the appliance.

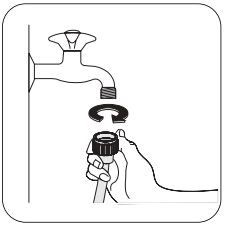
1. Set the hose correctly by loosening the ring nut. After positioning the inlet hose, be sure to tighten the ring nut again to prevent leaks.



⚠ Attention !

Do not place the inlet hose downwards. Angle the hose to the left or right depending on the position of your water tap.

2. This appliance must be connected to a cold water supply. Connect the hose to a tap with a 3/4" thread. The inlet hose must not be lengthened. If it is too short and you do not wish to move the tap, you will have to purchase a new, longer hose specially designed for this type of use.

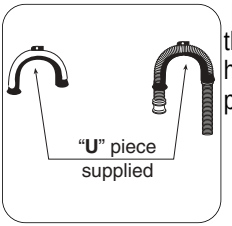


NOTE

Installation should comply with local water authority and building regulations' requirements.

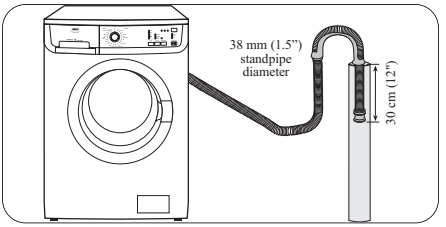
A minimum water pressure of 0.05 MPa (0.5 bar) is required for safe operation of the appliance.If you cannot make the cold water connection direct from the rising mains, you may be able to operate the appliance from your cold water storage system.
There should be a minimum vertical distance of 5.02m (16.5 ft) between the appliance's inlet and the bottom of the water storage tank.Water drainage
This appliance is designed to be permanently plumbed into your home's drainage system using one of the following methods.

1. Into a drainage standpipe.

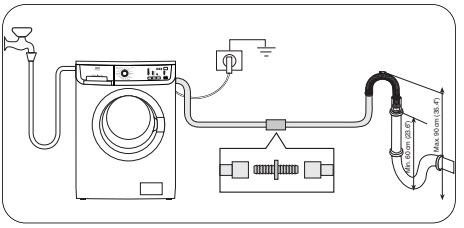


Firstly form a hook in the end of the drain hose using the «U» piece supplied.

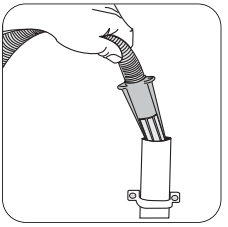
Place the drain hose into your standpipe, which should have an internal diameter of approximately 38mm thus ensuring there is an air break between the drain hose and standpipe.



When discharging into a standpipe ensure that the top of the standpipe is no more than 90 cm (35.4") and no less than 60 cm (23.6") above floor level.



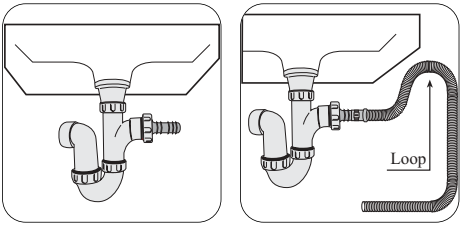
The drain hose may be extended to a maximum of 4 metres. An additional drain hose and joining piece is available from your local Service Force Centre. The joining piece must have an internal diameter of 18mm.



If your drain hose looks like this (see below) you do not require the «U» piece. Just push the hose firmly into the standpipe.

2. Onto a sink outlet spigot.

If the outlet spigot has not been used before, remove any blanking plug that may be in place.



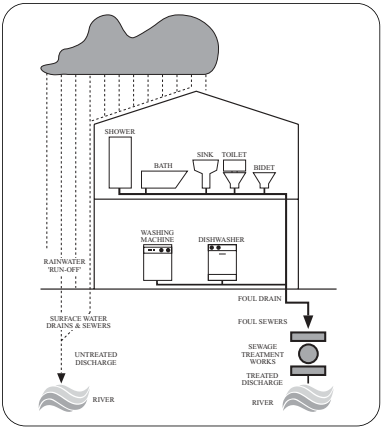
Push the drain hose onto the spigot and secure with a clip, ensure a loop is formed in the drain hose (see diagram) to prevent waste from the sink entering the washer-dryer.

Important!

Before connecting the machine to new pipework or to pipework that has not been used for some time, run off a reasonable amount of water to flush out any debris that may have collected in the pipes.

In the interest of the environment

Washer-dryers should be connected to the FOUL drainage system, the water will then be taken to a sewage works for treatment before being discharged safely into a river. It is essential that these appliances are not connected to the surface water drainage system as this water is discharged directly into a river or stream and may cause pollution.
If you require any further advice please contact your local water authority.



Electrical connection

Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

⚠ WARNING!

This appliance must be earthed.
The manufacturer declines any liability should this safety measure not be observed.

Before switching on, make sure the electricity supply voltage is the same as that indicated on the appliance's rating plate.

IMPORTANT!

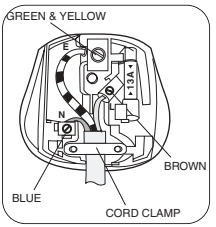
Information on the electrical connection is given on the rating plate on the inner edge of the appliance door.

The appliance is supplied with a 13amp plug fitted. In the event of having to change the fuse in the plug supplied, a 13amp ASTA approved (BS1363/A) fuse must be used.

Should the plug need to be replaced for any reason, proceed as described below.

The wires in the mains lead are coloured in accordance with the following code:

Green and Yellow .....- Earth
Blue .....- Neutral
Brown.....- Live



The wire coloured green and yellow must be connected to the terminal marked with the letter «E» or by the earth symbol ⏚ or coloured green and yellow.

The wire coloured blue must be connected to the terminal marked «N» or coloured black.

The wire coloured brown must be connected to the terminal marked «L» or coloured red.

Upon completion there must be no cut, or stray strands of wire present and the cord clamp must be secure over the outer sheath.

⚠ WARNING!

A cut off plug inserted into a 13 amp socket is a serious safety (shock) hazard.
Ensure that the cut off plug is disposed of safely. Should the appliance power supply cable need to be replaced, this must be carried out by our Service Force Centre.

The power supply cable must be easily accessible after installing the appliance.

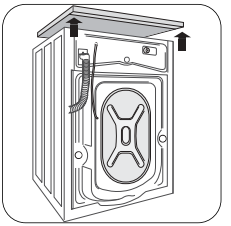
Permanent connection

In the case of permanent connection it is necessary that you install a double pole switch between the appliance and the electricity supply (mains), with a minimum gap of 3mm between the switch contacts and of a type suitable for the required load in compliance with the current electrical regulations.
The switch must not break the yellow and green earth cable at any point.

Fitting under a counter

⚠ WARNING!

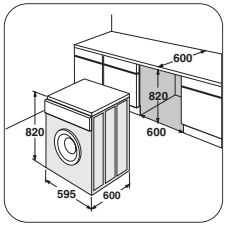
Before any work to the appliance, you must disconnect the plug from the power socket.



If the counter is too low and it becomes necessary to remove the top lid of the washer-dryer, a steel plate, known as a height reduction kit, must be used.

Important!

For safety reasons, it is dangerous to fit the appliance under a counter without the steel plate, which you can order in your nearest Service Force Centre.



The top must be fixed to the cabinet as follows: Unscrew the screws from the back panel of the appliance. Push the worktop to the back and raise it to remove (see the picture above).

Environmental concerns

Packaging materials

The materials marked with the symbol ♺ are recyclable.

>PE<=polyethylene

>PS<=polystyrene

>PP<=polypropylene

This means that they can be recycled by disposing of them properly in appropriate collection containers.

Old machine

Use authorised disposal sites for your old appliance. Help to keep your country tidy!

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken over to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

Ecological hints

To save water, energy and to help protect the environment, we recommend that you follow these tips:

- Normally soiled laundry may be washed without prewashing in order to save detergent, water and time (the environment is protected too!).
- The machine works more economically if it is fully loaded.
- With adequate pre-treatment, stains and limited soiling can be removed; the laundry can then be washed at a lower temperature.
- Measure out detergent according to the water hardness, the degree of soiling and the quantity of laundry being washed.

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